

**Abstract**

In accordance with the present invention, there is provided sufficient time for a shut-down procedure to take place before a mains power failure affects the processor capability of the broadcast data receiver. The time available between detection in accordance with the invention and the actual failure of the power supply at the processor of the broadcast data receiver is sufficient to allow a shut down procedure to be performed on all or selected components of a broadcast data receiver to prevent damage to the same by the power failure.